

CA 65-58  
10 February 1965

U. S. Government  
Washington, D. C.

Attention: Contracting Officer

Subject   
Monthly Progress Report

Gentlemen:

Attached hereto, in accordance with the subject Contract, is one reproducible and two copies of the eighteenth monthly progress report.

Your attention is invited to the Section 2, Schedule, of the enclosed report indicating shipment on May 1, 1965, which assumes a 'success' program from date of receipt of the Driver and Coupler parts from our Vendor. As soon as these parts can be checked out after their receipt and a firm delivery schedule established, an extension of the contract completion date will be requested.

Very truly yours,

Contracts Administrator

OMS:ks

cc: Technical Representative w/enclosure

Declassification Review by NGA

65-103

EIGHTEENTH MONTHLY PROGRESS REPORT

MODEL 933 PHASOLVER SYSTEM

8 February 1965

1. Summary

The following items were accomplished during this report period:

1.1 The fabrication of the driver and coupler parts has been completed by the vendor [ ] and the units were shipped to [ ] on 8 February 1965. Earlier this month, the vendor status was reviewed by a [ ] employee in Philadelphia. Prior to fabrication of these latest parts, the vacuum deposition chamber was thoroughly cleaned inside and outside and a successful dry run was made.

1.2 The intermediate artwork that was used by [ ] to fabricate the driver master was received by [ ] during this report period. The metrology is being conducted on these pieces to identify the amount of apparent degradation that occurs at these steps in the manufacture of the driver master.

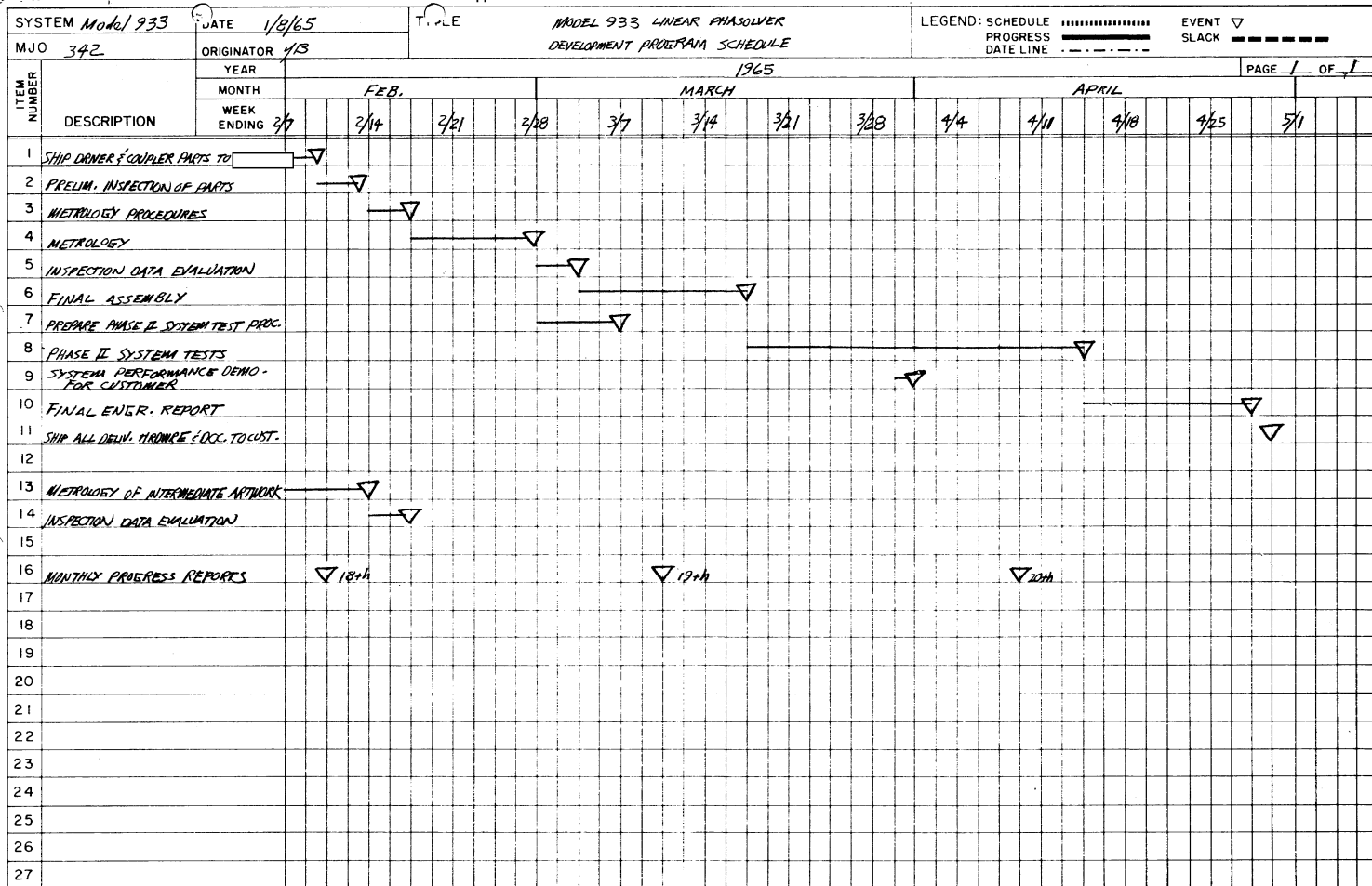
1.3 A bid has been received from [ ] for fabrication of the coupler. A bid has not yet been received from [ ] for fabrication of the driver using the [ ] master. This effort is a first step in a backup effort of [ ] work. The coupler bid is being reviewed with the vendor.

2. Schedule

A schedule to completion is enclosed. This schedule assumes that the driver and coupler parts are of sufficient quality to warrant proceeding with the Phase II system tests.

3. Work Planned for the Next Report Period

- 3.1 Receipt of the coupler and driver parts from the vendor.
- 3.2 Preliminary inspection of parts.
- 3.3 Prepare metrology procedures.
- 3.4 Perform metrology on the driver and coupler parts.



(34-766)

SIXTEENTH MONTHLY PROGRESS REPORT

MODEL 933 PHASOLVER SYSTEM

17 DECEMBER 1964

1. SUMMARY

The following items were accomplished during this report period:

STAT 1.1 [ ] fabricated another driver master print for this program and the metrology has been completed. The data will be reduced during the next report period. This work is an attempt to reduce the measured errors observed in the preceeding prints - and does not pace the fabrication of the driver part which is presently in process. (See Fifteenth Monthly Progress Report, dated 26 October 1964)

1.2 The first coupler part was delivered during this period and metrology indicated that the vendor had fabricated the part with an incorrect coupler bar width. The unit was immediately returned to him with the report. It was determined that the part was fabricated from an earlier print revision and that the vendor had not used the latest prints supplied to him. A second coupler part was incorrectly fabricated due to an incorrect ruling engine set up. Another coupler is being fabricated. The vendor has conducted tests with emulsions and will select the most suitable type for fabrication of the driver part.

2. SCHEDULE

STAT Continued slippage by [ ] in fabrication of the coupler and driver parts makes the customer demonstration date of 18 January doubtful. Every effort is being expended to expedite a timely completion of fabrication of these parts. A new demonstration date will be set, based upon a success schedule, when delivery and inspection of the parts is completed.